IAP7 Rec'd PCT/PTO 15 AUG 2006

|   |         |   | IAT LIU   | A CAR COLLEGE                             |  |  |  |  |  |  |  |  |
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| FORM<br>(REV.)  | 7-2005) |   | MARKOFFICE; U.S. DEPARTMENTOF COMMERCE            | ATTORNEY'SDOCKETNUMBER                    |  |  |  |  |  |  |  |  |
|   | TR      | ANSMITTAL LETTER  | 58009/A400  |   |  |  |  |  |  |  |  |  |
|   |         | DESIGNATED/ELECTE   | U.S. APPLICATIONNO. (If known, see 37 CFR 1.5)    |   |  |  |  |  |  |  |  |  |
|   | CON     | ICERNING A SUBMISS  | 10/585,908  |   |  |  |  |  |  |  |  |  |
| INTE  |         | FIONALAPPLICATIONNO.  | INTERNATIONALFILINGDATE                           | PRIORITYDATE CLAIMED                      |  |  |  |  |  |  |  |  |
| TITLI   |         | PCT/JP2004/005023<br>NVENTION   | 7 April 2004                                      | 13 January 2004                           |  |  |  |  |  |  |  |  |
| WAS   | TEW.    | ATER PURIFICATION SYSTE   | M (As Amended)                                    |   |  |  |  |  |  |  |  |  |
|   |         |   |   |   |  |  |  |  |  |  |  |  |
| APPLICANT(S)FOR DO/EO/US<br>NAKAMURA, Sakujiro; YOKOI, Seiji; KODERA, Yasuo |         |   |   |   |  |  |  |  |  |  |  |  |
| NAK   | ANIU.   | KA, Sakujiro, POKOI, Seiji, K   | ODERA, 1 asuo                                     |   |  |  |  |  |  |  |  |  |
| Appli   | canth   | erewithsubmits to the United State  | es Designated/ElectedOffice (DO/EO/US)the         | e followingitems and other information:   |  |  |  |  |  |  |  |  |
| 1.  |         | This is a <b>FIRST</b> submission of ite  | ems concerninga submissionunder 35 U.S.C          | 2.371.                                    |  |  |  |  |  |  |  |  |
| 2.  | X       | This is a SECONDor SUBSEQUENTsubmission of items concerning a submission under 35 U.S.C. 371.   |   |   |  |  |  |  |  |  |  |  |
| 3.  |         | This is an expressrequestto begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6),   |   |   |  |  |  |  |  |  |  |  |
| 4.  |         | (9) and (24) indicated below.  The US has been elected (Article 31).  |   |   |  |  |  |  |  |  |  |  |
| 5.  |         | A copy of the International Applicationas filed (35 U.S.C.371 (c)(2))   |   |   |  |  |  |  |  |  |  |  |
| :   |         | <u></u>   | uiredonly if not communicated by the Interna      | ationalBureau).                           |  |  |  |  |  |  |  |  |
|   |         | b.  has been communicate  | edby the InternationalBureau.                     |   |  |  |  |  |  |  |  |  |
| ı   |         | c.  is not required, as the a   | applicationwas filed in the United States Rece    | eivingOffice(RO/US).                      |  |  |  |  |  |  |  |  |
| 6.  |         |   | of the International Application as filed (35 U.S | S.C.371(c)(2)).                           |  |  |  |  |  |  |  |  |
|   |         | a. is attachedhereto.   | hmittodunder3511.S.C. 154(d)(4)                   |   |  |  |  |  |  |  |  |  |
| 7.  |         | b.  has been previously submitted under 35 U.S.C. 154(d)(4).  |   |   |  |  |  |  |  |  |  |  |
| '   |         | Amendmentsto the claims of the InternationalApplicationunder PCT Article 19 (35 U.S.C. 371 (c)(3))  a.   in are attachedhereto (required only if not communicated by the International Bureau). |   |   |  |  |  |  |  |  |  |  |
|   |         | b.  have been communicated by the International Bureau.   |   |   |  |  |  |  |  |  |  |  |
|   |         | c. $\square$ have not been made; however, the time limit for making such amendmentshas NOT expired.   |   |   |  |  |  |  |  |  |  |  |
|   |         | d.   have not been made ar  | nd will not be made.                              |   |  |  |  |  |  |  |  |  |
| 8.  |         | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |   |  |  |  |  |  |  |  |  |
| 9.<br>10.   |         | An oath or declaration of the inventor(s)(35 U.S.C.371 (c)(4)).  An English language translation of the annexes to the International Preliminary Examination Report under PCT                   |   |   |  |  |  |  |  |  |  |  |
| 10.   | رب      | Article 36 (35 U.S.C.371 (c)(5)).   |   | Jenai i i i a a a a a a a a a a a a a a a |  |  |  |  |  |  |  |  |
| 11.   |         | A copy of the InternationalPrelin   | ninaryExaminationReport (PCT/IPEA/409).           |   |  |  |  |  |  |  |  |  |
| 12.   |         | A copy of the InternationalSearchReport(PCT/ISA/210).   |   |   |  |  |  |  |  |  |  |  |
|   |         | 13 to 23 below concerndocume  |   |   |  |  |  |  |  |  |  |  |
| 13.   | ×       |   | mentunder 37 CFR 1.97 and 1.98.                   | sowith 27 CED 2 29 and 2 21 is included   |  |  |  |  |  |  |  |  |
| 14.<br>15.  |         | An assignmentdocumentfor recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |   |   |  |  |  |  |  |  |  |  |
| 16.   |         | A FIRST preliminaryamendmen  A SECOND or SUBSEQUENTS  |   |   |  |  |  |  |  |  |  |  |
| 17.   |         | A SECONDor SUBSEQUENTpreliminaryamendment.  A substitutespecification.  |   |   |  |  |  |  |  |  |  |  |
| 18.   |         | A power of attorney and/or change of address letter.  |   |   |  |  |  |  |  |  |  |  |
| 19.   |         | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter. 2 and 37 CFR 1.821 - 1.825.   |   |   |  |  |  |  |  |  |  |  |
| 20.   |         | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |   |   |  |  |  |  |  |  |  |  |
| 21.   | ×       | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4):   |   |   |  |  |  |  |  |  |  |  |
| 22.   |         | ExpressMail Label No. EV  | / 326702865US                                     |   |  |  |  |  |  |  |  |  |

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| U.S. APPLICATIO  | NNO (if known, see                      | INTERNATIONALAPPLICATIONNO.           |  |         | ATTORNEY'SDOCKETNUMBER |       |              |    |  |  |
|--|---|---------------------------------------|--|---------|------------------------|-------|--------------|----|--|--|
| 1  | 0/585,908                               | PCT/JP2004/005023                     |  |         | 58009/A400             |       |              |    |  |  |
|  | ns or information:                      |                                       |  |         |                        |       |              |    |  |  |
|  | eceiptPost card                         |                                       |  |         |                        |       |              |    |  |  |
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| The following  | gfees have been s                       | CALCULATIONS PTOUSE                   |  |         |                        |       |              |    |  |  |
|  | ationalfee                              | \$300                                 | \$ \$0.00  |         |                        |       |              |    |  |  |
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|  | VUSindicatesall d                       | \$0<br>\$200                          |  |         |                        |       |              |    |  |  |
| 26. ☐ Search   |   |                                       |  |         |                        |       |              |    |  |  |
| If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the \$\$\$\$\$\$\$\$\$\$\$\$\$\$\$ |   |                                       |  |         |                        |       |              |    |  |  |
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| listing in an e<br>The fee is \$2  | electronicmedium<br>250 for each additi | )(37 CFR 1.<br>onal50 shee            | sfiled in paper over 10<br>R 1.821(c)or (e) or cor<br>492(j)).<br>ets of paper or fraction | there   | eof.                   |       |              |    |  |  |
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| CLAIMS   | NUMBERF                                 |                                       | NUMBEREXTRA  |         | RATE                   |       |              |    |  |  |
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| MULTIPLEDEPE   | ENDENTCLAIMS                            |                                       | *  | +       | \$360                  |       | \$ \$0.00    |    |  |  |
| Applicantela   | ims small entity st                     | 1S =                                  |  |         |                        |       |              |    |  |  |
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| Processingfee of   | <b>\$130.00</b> for furnis              | AL =                                  | · · · · · · · · · · · · · · · · · · ·  |         |                        |       |              |    |  |  |
| the earliest claim   | •                                       |                                       | \$ \$0.00  |         |                        |       |              |    |  |  |
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| accompaniedby  |   | \$ \$0.00                             |  |         |                        |       |              |    |  |  |
|  |   | \$ \$0.00                             |  |         |                        |       |              |    |  |  |
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A checkin the amount of \$ to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. XI The Commissioneris hereby authorized to charge any additional fees which may be required, or credit any overpayment to DepositAccountNo. . A duplicate copy of this sheet is enclosed. 03-1728 d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card informationshouldnot be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Wout SENDALL CORRESPONDENCETO: Customer Number 23363 SIGNATURE D. Bruce Prout CHRISTIE, PARKER & HALE, LLP D. Bruce Prout Post Office Box 7068 NAME Pasadena, CA 91109-7068 20, 958 REGISTRATIONNUMBER August 15, 2006 DATE